

CLAIMS

What is claimed is:

1. A printing method for recovering an error, comprising:
storing intermediate data corresponding to a document to be printed;
converting the intermediate data into printing data;
determining whether an error has occurred while the intermediate data is converted into the printing data; and
in response to determining that an error has occurred, converting the intermediate data into image type data and converting the image type data into the printing data,
wherein the document is printed using the printing data.
2. The printing method of claim 1, further comprising:
in response to determining that an error has not occurred or after determining that an error has occurred, and the intermediate data has been converted into image type data and the image type data has been converted into the printing data, determining whether the intermediate data has been completely converted into the printing data; and
in response to determining that the intermediate data has not been completely converted into the printing data, going back to converting the intermediate data into the printing data.
3. The printing method of claim 1, wherein in response to determining that an error has occurred, loading the stored intermediate data;
converting the loaded intermediate data into the image type data; and
converting the image type data into the printing data.
4. The printing method of claim 1, wherein the error is a general protection fault type error.
5. A printing apparatus for recovering an error, comprising:
a storage unit storing intermediate data corresponding to a document to be printed;

a printer driver converting the intermediate data into printing data or, in response to a control signal, converting the intermediate data into image type data and then converting the image type data into the printing data; and

a control unit inspecting whether an error has occurred while the intermediate data is converted into the printing data, outputting a result of the inspection as the control signal, and in response to the control signal, loading the intermediate data from the storage unit and outputting the loaded intermediate data to the printer driver,

wherein the document is printed using the printing data.

6. The printing apparatus of claim 5, wherein the control unit inspects whether the intermediate data has been completely converted into the printing data by the printer driver, and outputs a result of the inspection as a conversion signal to the printer driver, and

the printer driver converts the intermediate data into the printing data in response to the conversion signal.

7. The printing apparatus of claim 5, wherein the control unit comprises:
an error inspector, which inspects whether an error has occurred while the intermediate data is converted into the printing data and outputs a result of the inspection as the control signal; and

a data loader, which in response to the control signal, loads the intermediate data from the storage unit and outputs the loaded intermediate data to the printer driver.

8. The printing apparatus of claim 5, further comprising a spooler loaded with intermediate data from the storage unit and outputting the loaded intermediate data to the printer driver, wherein the printer driver converts the intermediate data received from the spooler into the printing data.

9. A computer-readable recording medium storing a computer program comprising:
storing intermediate data corresponding to a document to be printed;
converting the intermediate data into printing data;
determining whether an error has occurred while the intermediate data is converted into the printing data; and

in response to determining that an error has occurred, converting the intermediate data into image type data and converting the image type data into the printing data, wherein the document is printed using the printing data.

10. The computer-readable recording medium of claim 9, wherein the computer program further comprises:

in response to determining that an error has not occurred or after in response to determining that an error has occurred, determining whether the intermediate data has been completely converted into the printing data; and

in response to determining that the intermediate data has not been completely converted into the printing data, going back to converting the intermediate data into the printing data.

11. The computer-readable recording medium of claim 9, wherein:
in response to determining that an error has occurred, loading the stored intermediate data;

converting the loaded intermediate data into the image type data; and
converting the image type data into the printing data.

12. A printing method for recovering an error, comprising:
converting intermediate data into printing data;
determining whether an error has occurred while converting the intermediate data into the printing data;

converting the intermediate data into image type data and converting the image type data into the printing data if determined that an error has occurred;

determining if the intermediate data has been completely converted into the printing data; and

printing the document using the printing data if determined that the intermediate data has been completely converted into the printing data.

13. The printing method according to claim 12, wherein if determined that the intermediate data has not been completely converted into printing data, going back to converting the intermediate data into printing data.

14. The printing method according to claim 12, wherein the error is a general protection fault type error.

15. A printing apparatus for recovering an error, comprising:
a storage unit storing intermediate data corresponding to a document to be printed;
a printer driver converting the intermediate data into printing data; and
a control unit determining whether an error has occurred while the intermediate data is converted into the printing data, and in response to the determination, loading the intermediate data from the storage unit to the printer driver,
wherein the document is printed using the printing data.

16. The printing apparatus of claim 15, wherein the control unit inspects whether the intermediate data has been completely converted into the printing data by the printer driver, and outputs a result of the inspection as a conversion signal to the printer driver, and
the printer driver converts the intermediate data into the printing data in response to the conversion signal.

17. The printing apparatus of claim 15, wherein the control unit comprises:
an error inspector which inspects whether an error has occurred while the intermediate data is converted into the printing data and outputs a result of the inspection as a control signal; and
a data loader which in response to the control signal, loads the intermediate data from the storage unit and outputs the loaded intermediate data to the printer driver.

18. The printing apparatus of claim 15, further comprising a spooler loaded with intermediate data from the storage unit and outputting the loaded intermediate data to the printer driver, wherein the printer driver converts the intermediate data received from the spooler into the printing data.

19. A printing apparatus for recovering an error, comprising:
a storage unit storing intermediate data corresponding to a document to be printed;
a printer driver converting the intermediate data into image type data and then converting the image type data into printing data in response to a control signal; and

a control unit determining whether an error has occurred while the intermediate data is converted into the printing data, outputting a control signal according to the determination, and in response to the control signal, outputting the loaded intermediate data to the printer driver, wherein the document is printed using the printing data.

20. The printing apparatus of claim 19, wherein the control unit inspects whether the intermediate data has been completely converted into the printing data by the printer driver, and outputs a result of the inspection as a conversion signal to the printer driver, and the printer driver converts the intermediate data into the printing data in response to the conversion signal.